

Journal
1882

Memorandum

I W

✓
 A Water-Cougar was seen
 in the bridge
 Oct. 1, 1902. In the valley
 (open land) many
 plants. Peas, beans
 others in the valley
 (the river) in the
 plants in the valley
 and in the valley.

✓
 A Water-Cougar was seen
 in the valley, in the
 at 11:00 AM, Oct. 9, 1902
 in the valley. The
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Passer fuscus, Ludlowi
and Junco ext. ext.
interruptedly to Farmington
Passer anglicus, 2000
just above Sphinx
At Farmington

Antenna canina

frigida

Am. Linnaea blooming

Sibyrin *Mistle*

R. C. Cooley
Ecologist

Gen. S. L. Jameson

713 Grand Ave., S.

Louis neighbor is Bonnet

7 Mt. Sheep (3 Ewes + 4 lambs)
were seen between 1st + 2d.
bridges Sept 11, 1902.

Spec. 9 275
Chonoma 385
Mordellodes 176, 275
Leucis 250

Parus 2000

Rate 34.62 *Rumple*

Reinhold 350

" 380.
Sound + delirious of 1st

Birds seen just east of
Bozeman Oct. 9, 1902.

- ✓ *Sturnella* in flocks.
- ✓ *Pica hudsonica*. - Two
- ✓ *Picicorvus columbianus*. - Several
- ✓ *Buteo borealis calurus*. - One
- ✓ *Urelda ingratiora propinqua*
- ✓ *Falco sparverius deserticola*. - One
- ✓ *Olivaris*. - flocks

at Bozeman

✓ Meadowlark
✓ Song Sparrow
✓ Hutton's Vireo
✓ Bluebird

W.M.S. Oct. 11, 1902

At the sligyan cars dead
birds were found as follows

✓ Clark Crow	1
✓ Robin	3
✓ Louisiana Tanager	1
✓ Junco oreganus	many
✓ Unidentified	many.
✓ Townsend Solitaire	1
✓ Peromyscus	1

Eutamias & *Tamiasciurus* were
abundant & busy (Oct 11)

✓ Robins } abundant.
✓ Arctic Bluebirds }

Myiadestes townsendi was
whistling its peculiar note
and was quite common.

Louis di Zerega Means
c/o Mrs. S. L. Jameson
713 Grand Ave., S.,
Bozeman, Montana.

Cyanocitta. - One in the
road at Hospital Oct. 12.

~~Young Hares are~~
~~now turning white on~~
~~inner side of ears and~~
~~about the tail.~~

The first Black-tailed
Deer returned to the upper
edge of the M. W. H. S. formation
early in September, but
were rarely seen before
October. By Oct. 11, they
were quite numerous there.

Eutamias & *Tamiasciurus*
are now unusually active
in harvesting winter stores.

Dr. Watters
Cor 4th Ave. + Babcock St.,
Bozeman, Montana
\$20. per month for room,
fuel, + board for Louie.

Oct 15, 1902. —

Visited the Stygian Caves.
Found 12 places in which
were dead birds and one
in which was a Peromyscus.
The total number of dead
birds was 58, as follows:—

✓ <u>Sitta canadensis</u>	4
✓ <u>Parus gambeli</u>	4
✓ <u>Parus sp.</u> <u>Chlorurus</u> ---	6
✓ <u>Spinus pinus</u>	1
✓ <u>Priniza ludoviciana</u>	3
✓ <u>Myiadestes townsendi</u>	1
✓ <u>Nucifraga columbiana</u>	3
✓ <u>Numida migratoria propinqua</u>	3
✓ <u>Junco meausi</u>	5
<u>Peromyscus</u>	1
<u>Total</u>	59

October 17, 1902.

Visited Stygian Caves. The
only fresh corpses were a
mouse (Peromyscus) ^{a grasshopper,} and
a Brown Creeper (Certhia)
which latter I preserved.
(See "Oct 17," beyond)

Oct. 16, 1902. - Walked to head of post ditch.

✓ Spizella monticola ocellata. - Several.

✓ Merula. - In flocks, feeding on gooseberry & red juniper.

✓ [Sialia arctica seems to have departed.]

✓ Anas mexicanus. - One on post ditch, flew before us a mile, alighting indifferently in the water or on the bank. It often waded and swam in the ditch, feeding in shallow water with head all under. Its tilting is really a rapid squatting motion.

In flight it utters a very distinct whirr. At length it hid under a bridge and allowed us to pass by. Returning we found it near the bridge, but, instead of flying before us, it made bold to fly back past us.

✓ Anas boschas. - About 40 were feeding on a small pond. When frightened half flew the rest remaining. All soon returned and settled with loud splashing. Sturnella magna. - Singing. Birds very scarce.

October 18, 1902. - Hunted across the Yellowstone at Gardiner. Saw one Melospiza lincolni on a ditch amongst Oryzopsis, in a field of alfalfa.

Sturnella neglecta. - One shot. Merganser americanus. - Abundant.

Between the Post and Gardiner were seen two Maypicks & several Clarke Chows.

Birds are now very scarce.

October 17, 1902. - Three female Black-tails. Very tame. Returned to place where they were first found sleeping.

(Oct. 17 - Concluded)

Mountain Chickadees, Red-breasted Nuthatches, Myadestes, Corpodacus cassinii and Robins were abundant.

Several Clarke Crows, a Magpie & several Steller's Jays were seen, and scores of Junco nearnsi (See 4th page back.)

Red Squirrel & Eutamias abundant. One Jackrabbit, not yet changed to white.

October 19, 1902.

Lillian saw 15 Black-tail Deer between Port & Golden Gate — 2 bucks at Snow Pass Road.

October 20, 1902.

Visited Stygian Caves. No dead animals since last visit. The number of places where dead birds were seen numbers 16.

(October 20 - Concluded)

Saw many Magpies, Clarke Crows, Robins, Townsend's Solitaire (Singing & whistling), Pink-sided Junco, Red-bellied Nuthatch, Mountain Chickadee, and Cassin Finches (singing).

Two bands of Black-tail Deer — one of does, one of bucks. Eutamias & Chickadees very numerous, busy, tame.

On Oct. 17 & 18, 1902, the two Majors Pitcher shot 110 ducks on Henry Lake, 60 mi. from Ft. Yellowstone. They said they got Mallards, Green-winged Teal, Red-head, Canvas-back, Baldpate & Butterball.

They sent me four
all Canvas-bags.

Oct. 23, 1902.

Shot 5 Cottontails across
the Yellowstone from Gardiner
where we saw: -

- ✓ Robins
- ✓ Flock of Bluebirds
- ✓ Townsend's Solitaire (1).
- ✓ Ravens (4)

[The last time we were there
I saw Lincoln's Finch
(Oct. 1902)].

At the 2d bridge at H.
Gardiner were a green-
headed Mallard drake &
with 3 females, each sleeping
on a separate stone in
the stream close to the
road.

Boxes 1 and 2 Con-
tained labelled
plants, only.

Box I.

Cat-tail
Grasses
Sedges
Rushes
Juncus scapellato
Abies
Pseudotsuga

Box II.

Ribes
Juncus sibirica
Pseudotsuga
Abies
Pinus flexilis
Miscellaneous

8 wooden boxes of plants
shipped Dec. 13, 1902.
by Express.

to Section No. 631 to
Smith 1-324 + 134
Others 18 specimens

5193